

ABSTRACT

TITLE:

A binder of vegetable nature for the production of materials for building and/or civil engineering

APPLICANT:

COLAS

INVENTION OF:

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This invention concerns a binder for the production of a layer for road works or civil engineering. It comprises, with respect to the total weight of the binder :

- (a) 2 to 98% in weight of at least one purely natural or modified natural resin, of vegetable origin, having a softening point measured of 30 to 200°C;
- (b) 98 to 2% in weight of at least one oil of vegetable origin having a viscosity at 25°C of 50mPa.s to 1000Pa.s,
- (c) said binder having :
 - (c1) either a penetrability at 25°C, of 20 to 300 1/10 mm and a softening point of 30 to 75°C,
 - (c2) or a penetrability at 15°C, of 300 to 900 and a viscosity at 60°C, et
- (d) said binder being exempt of any natural or synthetic elastomer and of any thermoplastic polymer .

NO FIGURE